

Title: APPARATUS FOR IMPROVING  
HARD BIAS PROPERTIES OF LAYERS  
IN A MAGNETORESISTIVE SENSOR  
Applicants: Pinabasi, et al.  
Docket: HJO920030026US1/HITG.026PA  
Sheet 1 of 6

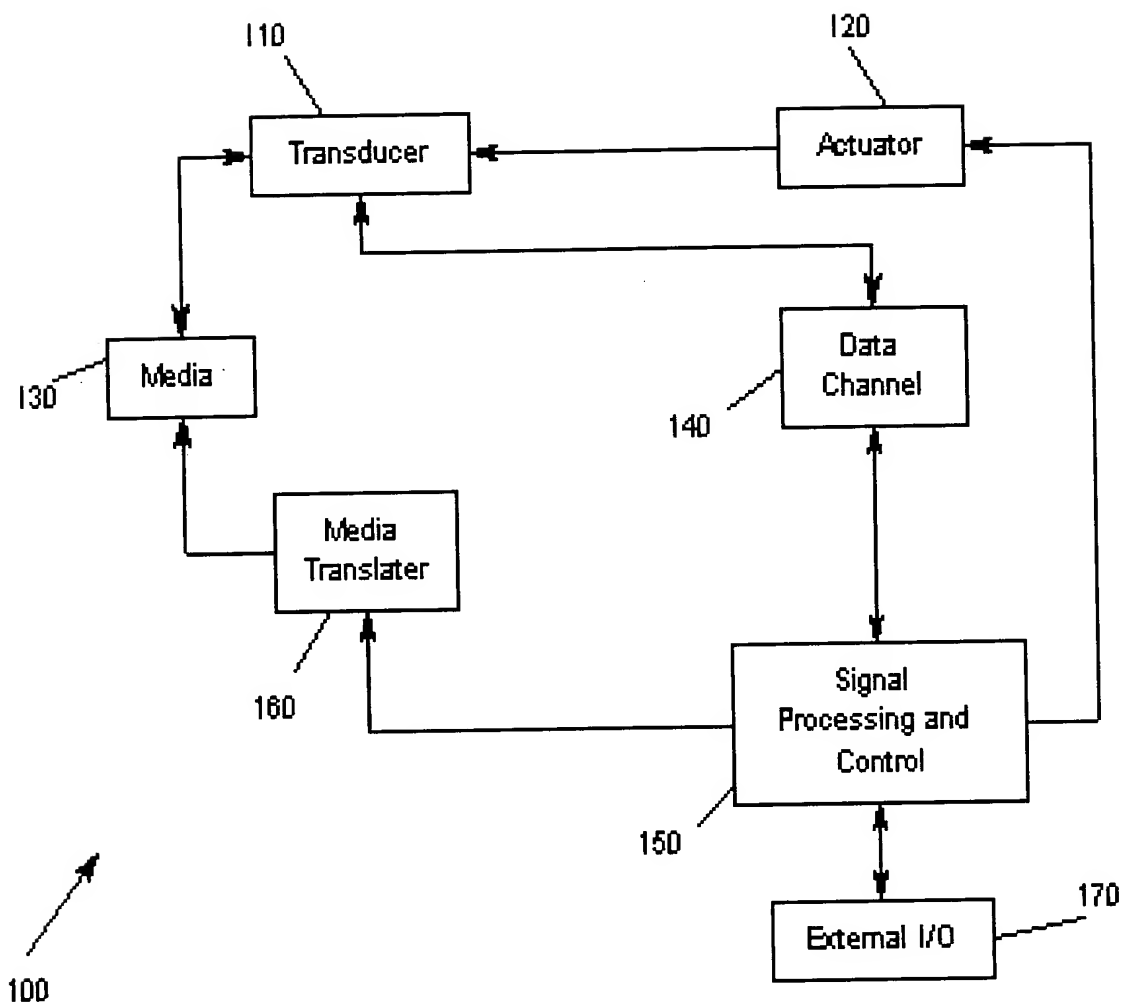


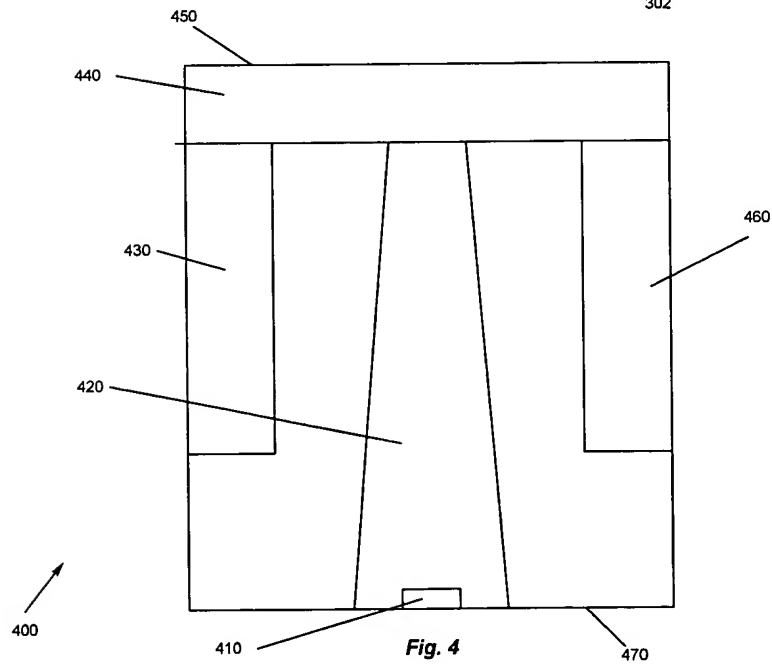
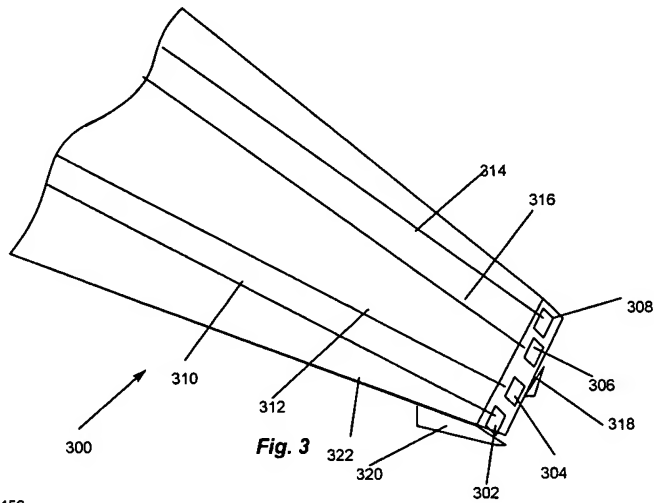
Fig. 1

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**Fig. 2**

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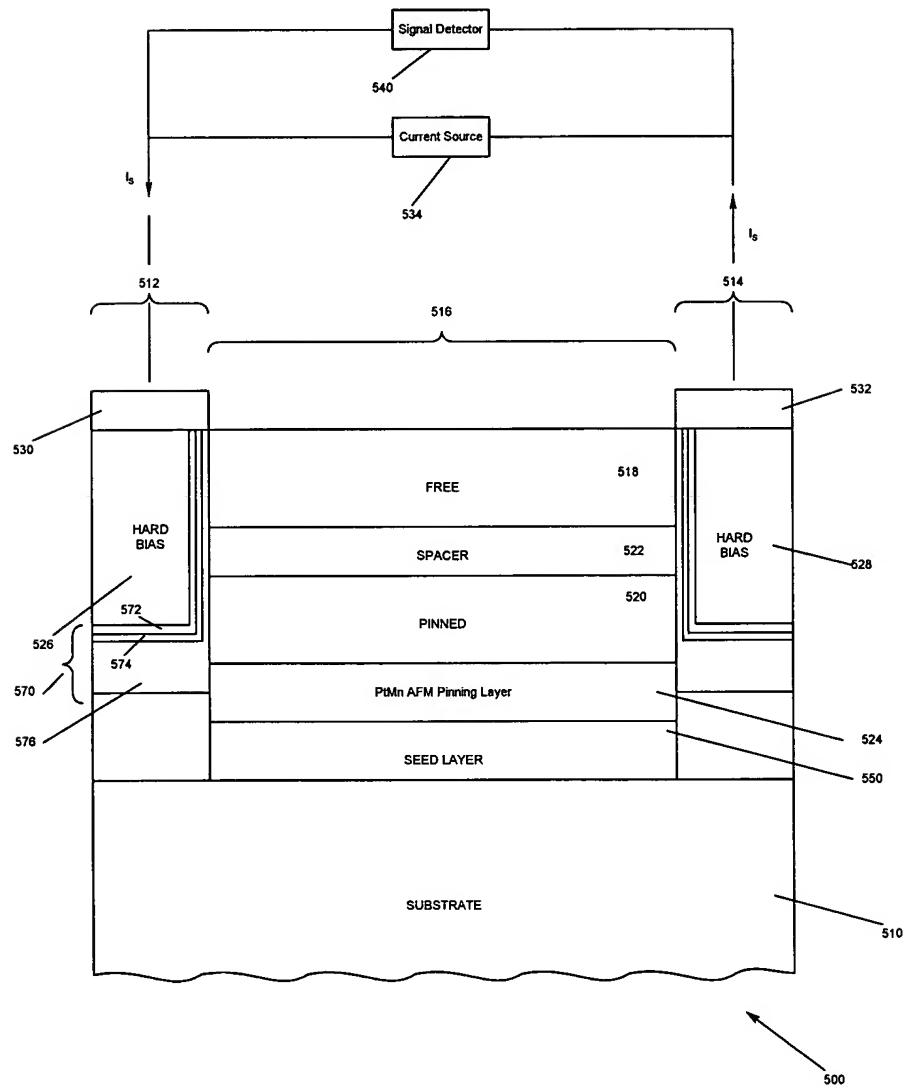


Fig. 5

600

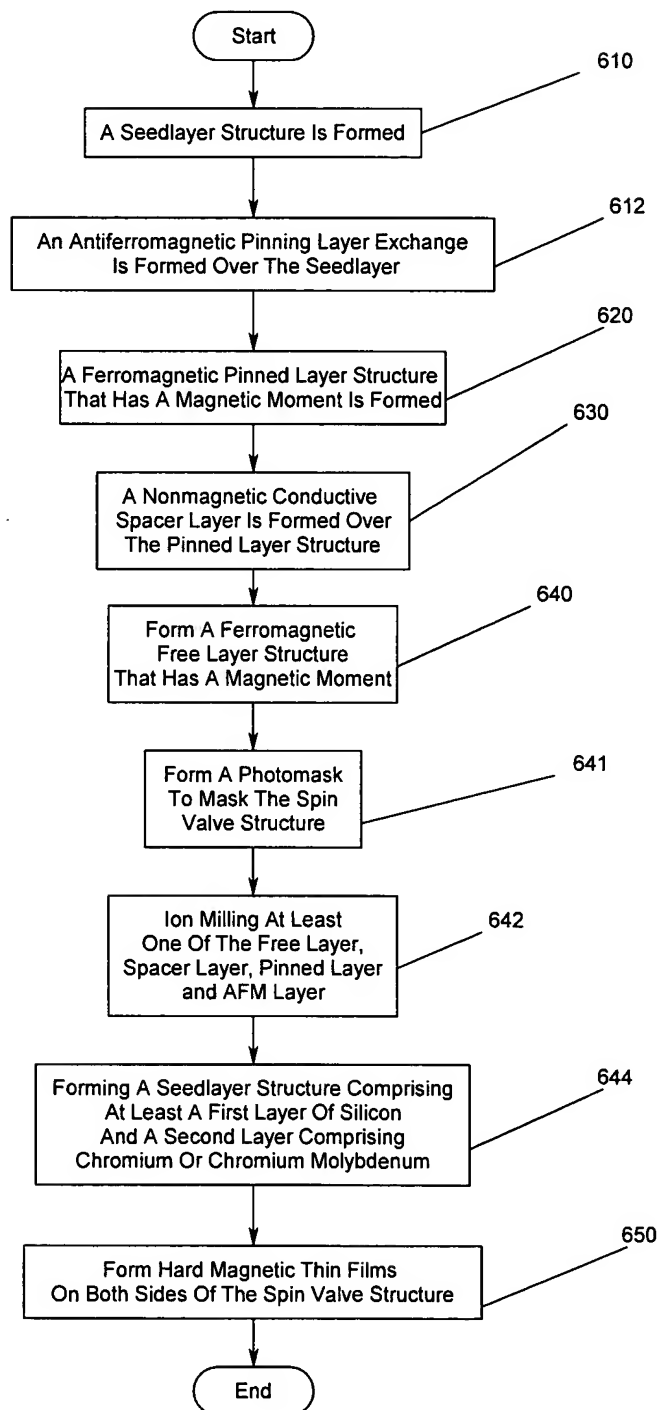


Fig. 6

700

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Structure	1	2	3	4	5	6	7	8
Ta/Cr	-	-	5	10	5 (Cr)	10(Cr)	5	10
Si	10	20	10	10	10	10	10	10
Cr/CrMo	50(Cr)	50(Cr)	50(Cr)	50(Cr)	50(Cr)	50(Cr)	50(CrMo)	50(CrMo)
CoPtCr	140	140	140	140	140	140	140	140
Rh	250	250	250	250	250	250	250	250
Ta	20	20	20		20	20	20	20
H <sub>c</sub>	1448	1316	1360	1281	1335	1341	1484	1490
Sq	0.838	0.85	0.929	0.87	0.837	0.839	.964	0.931

Fig. 7